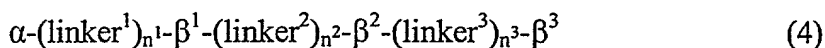
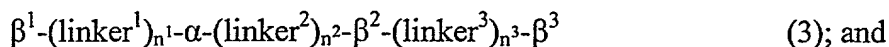
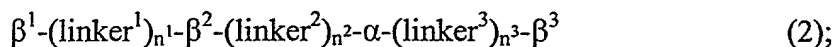
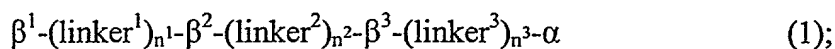


Abstract of the Disclosure

Glycosylated or nonglycosylated molecules of the formula



wherein  $\alpha$  is the  $\alpha$  subunit of a vertebrate glycoprotein hormone or a variant thereof;

each  $\beta$  is independently a glycoprotein  $\beta$  subunit or a variant thereof;

each "linker" is a hydrophilic, flexible spacer equivalent to a peptide containing 1-100 amino acid residues; and

each  $n$  is a 0 or 1;

said compound optionally comprising one or more additional  $\beta^x(\text{linker}^x)_n$  and/or one or more additional  $\alpha$  subunits are useful in protocols to enhance fertility in humans and in animals.